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5. (Thrice Amended) A recombinant expression vector for use in a desired host comprising a nucleic acid sequence that encodes an open reading frame of at least 5 amino acids, said nucleic acid sequence [having at least 50% identity with a polynucleotide] selected from the group consisting of [SEQUENCE ID NO 1, SEQUENCE ID NO 2, SEQUENCE ID NO 3,] SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, and nucleotides 51-284 of SEQ ID NO:7, wherein said open reading frame is operably linked to a control sequence compatible with the desired host wherein said control sequence is selected from the group consisting of promoters, terminators, enhancers, ribosomal binding sites and leader sequences.

11. (Amended) A cell transfected with a nucleic acid sequence encoding at least one [LS147] epitope, wherein the nucleic acid sequence is selected from the group consisting of [SEQ ID NOS: 1-7 and fragments or] SEQ ID NOS: 1-3 and full complements thereof.

12. (Thrice Amended) A composition of matter comprising a purified polynucleotide [which has at least 50% identity with a polynucleotide] having a sequence selected from the group consisting of [SEQUENCE ID NO 1, SEQUENCE ID NO 2, SEQUENCE ID NO 3] SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3 and full complements thereof.

14. (Twice Amended) A purified polynucleotide [or fragment thereof,]
which codes for a protein [which comprises an amino acid sequence having at least 50%
identity to SEQ ID NO:15] comprising a sequence selected from the group consisting of
SEQ ID NO:15 and full complements thereof

NE → 34. (New) A purified polynucleotide comprising [a polynucleotide which has
at least 50% identity to nucleotides 5-419 of SEQ ID NO. 7] a sequence selected from the
group consisting of nucleotides 5-419 of SEQ ID NO:7 and full complements thereof.

-- REMARKS --

The specification has been amended to reflect the priority status of the present
application.

The specification is objected to for a syntax error at page 8, line 30. This has been
amended.

Correction of the specification is required regarding the use of trademarks.
Applicant apologizes and respectfully requests that requirement of these corrections is
held in abeyance until subject matter is deemed allowable.

The Examiner states that the parent application U.S. Application No. 60/048,810,
filed June 5, 1997 do not disclose the specific fragments as set forth in the Amendment.
Applicant respectfully disagrees.